



Senior Software Engineer

To contact: 8838232616

[Mailto: sukn99@gmail.com](mailto:sukn99@gmail.com)



OBJECTIVE

Product Developer with 5.5 years of experience specializing in Angular. Strong in frontend development, problem-solving, and building scalable, user-focused applications. Experienced in collaborating with cross-functional teams, optimizing performance, and delivering reliable features. Continuously improving skills in DSA, debugging, and system design to contribute effectively to high-impact projects.



TECHNICAL SKILLS

Client Side	HTML, CSS, Bootstrap, JavaScript, jQuery - 2.5 Years Angular, TypeScript - 2.5 years, React - 3 months
Server Side	C#, Node.js
Framework	ASP.NET, Express.js
Mobile App Development	Ionic, Flutter
Map	Google Map
Databases	SQL, Elastic Search
Version Control System	Azure DevOps, GitHub, Gitlab, Bitbucket



EXPERIENCE

Dedalus, Chennai (14/June/2023 – Present)

Role: Product Developer

Project:

LIMS (June 2023 – Present)

Key Skills: Angular v20, TypeScript v5, Bootstrap v5

Specialized software designed to manage and optimize laboratory operations by automating workflows, tracking samples and ensuring data accuracy. Commonly used in healthcare and research labs, this UK-based project focuses on enhancing efficiency, compliance, and data integrity in laboratory environments

Contribution:

- Involved in Migration concept from Angular 12 to Angular 20
- Developed an Audit Mechanism using Elasticsearch to track user activity and data audits across the entire application, ensuring comprehensive monitoring and compliance.
- Implemented UI and server-side caching to enhance application performance and optimize load times.
- Implemented compression techniques to reduce API response size and improve content download efficiency.

□ **Boodskap Labs Private Limited, Chennai** (18/Aug/2021 – 31/May/2023)

Role: Software Engineer

Projects:

✓ **RULES ENGINE - IDE** (June 2022 – May 2023)

Key Skills: Angular v14, TypeScript v4

Rules engine provides a mechanism for defining and executing business rules or logic in a declarative manner, enabling automation and decision-making within an application. The rules engine evaluates conditions and executes actions based on those conditions, allowing for dynamic and flexible behavior.

Contribution:

- Designed as the visual studio code editor application.
- Developed reusable components and services to handle API requests and responses, promoting code efficiency and maintainability using RxJS concept and NgRx for state management purpose.
- Implemented error handling and data validation mechanisms to ensure seamless communication with APIs and improve overall reliability.
- Utilized several NPM packages, including Monaco-editor, Monaco-tree, angular-split, and others to enhance the functionality and user experience of the projects.

✓ **YUDASH ADMIN PORTAL** (Feb 2022 - May 2022)

Key Skills: Angular v13, TypeScript v4

The application is designed to provide monitoring capabilities for device details. Users can access information such as device specifications, status, and performance metrics. This allows them to have a comprehensive view of their devices and track their functionality in real-time.

Contribution:

- Designed many reusable components with responsive for all screen size.
- Implemented the necessary functionality to handle authorization using session-based authentication.
- Collaborated with the backend team to define API contracts, effectively consume the provided endpoints and integrated all API with error handling.
- Used Echarts, moment, underscore, RxJS and many NPM packages.

✓ **FLEET MANAGEMENT SYSTEM** (Aug 2021 - Jan 2022)

Key Skills: Angular v12, TypeScript v4

The Fleet Management System is a location-based application that provides users with comprehensive capabilities to track their trips, view historical data, and offers various features to enhance their fleet management experience

Contribution:

- Developed the UI components, ensuring a responsive and intuitive design. Implemented interactive maps, trip history views, geofencing controls, and notification panels.
- Integrated Google Maps service, into the application to provide accurate and visually appealing maps to locate the places
- Display the historical data of fleet trips. Implemented filters, sorting options, and data visualization techniques to present trip details effectively using Echarts and AG-grid.

✓ **DTA – HIP** (Sept 2021 – Oct 2021)

Key Skills: Node.js v16, jQuery v3, Bootstrap v4, HTML5

This is an American government project designed to incentivize healthy eating among low-income families in Massachusetts. The program supports local agriculture and provides incentives to participants when they purchase fresh fruits and vegetables from participating retailers. The DTA Finder HIP website offers program information, account balance checks, and transaction history for participants

Contribution:

- Refactored project codebase in adherence to Ade Axe dev tool guidelines.
- Migrated the whole project from elastic search to SQL database.
- Attended many client meetings for project discussion, feature enhancement and demo purpose

✓ **BOODSKAP PROJECTS** (Aug 2021 - Aug 2021)

Key Skills: Node.js v16, jQuery v3, Bootstrap v4, HTML5

Provided a comprehensive list of Boodskap's completed projects, including their respective URLs and redirecting to them, login credentials with copy options, and descriptions of each project with search option.

Contribution:

- Developed the project independently from start to finish, including responsiveness, API integration, and concept of login session handling.

□ **Finix Info Solution Private Limited, Chennai** (15/Jul/2020 – 13/Aug/2021)

Role: Front End Developer

Projects:

✓ **MOKSHITHA ENTERPRISES** (jQuery, Bootstrap, HTML5)

A personalized website for a solar product named Mokshitha Enterprises

Contribution:

- Played a key role in the development of a website, by taking ownership of the entire design process, establishing effective communication with the client, and successfully delivering the final product

✓ **EBERRIE** (jQuery, Bootstrap, HTML5)

B2B project is the selling, buying the product through online. In this product an Individual user can be a buyer, seller, assessor, legal, franchise and consultant and the organization user can be logistic, bank, insurance with the additional features of Procurement as a service.

Contribution:

- Analyze a client requirement and design the pages
- Develop the code and functionalities
- Perform unit testing



OTHER PROJECT

✓ MRG ENGINEERING (WordPress)

A personalized website for an engineering service using a technology WordPress



SKILLS

- Extensive ability of trouble shooting
 - Adaptability to business needs
 - Requirement gathering & analysis
 - I used to develop my skills by solving LeetCode and CodeSignal problems
 - Received the 'Achieve Excellence Together' award for outstanding performance, dedication, and exceptional contributions to the team.
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ACADEMIC PROFILE

Course	College	H.S.C.	S.S.L.C.
INSTITUTION	Chennai Institute of Technology (B.E - ECE)	Vyasa Vidyalaya	Vyasa Vidyalaya
BOARD	Anna University	State Board	State Board
YEAR OF COMPLETION	2020	2016	2014
PERCENTAGE	70	72	85
